

Mesa Verde National Park – Water Year 2001
371508108212801 Mancos River at Anitas Flat, CO

LOCATION. – Lat 37° 15' 08", Long 108° 21' 28", NW ¼ sec.35, T. 35 N R 14 W, Montezuma County, Hydrologic Unit 14080107, 7.4 miles SSW of Mancos, CO, 3.0 miles south of confluence with Mud Creek on right bank about 1.05 miles inside MEVE boundary.

DRAINAGE AREA. – 160 mi².

PERIOD OF RECORD. – October 2000 to current year.

GAGE. – Water-stage recorder. Elevation of gage is 6330 feet above MSL, as determined by GPS.

REMARKS. – Records are poor from October 1 through April 30, fair from May 1 through July 10, and poor from July 11 through September 30. Daily values are estimated from December 16 through February 27, March 2 through March 4, and March 15 and March 16; estimation was necessary due to the effect of ice. Daily values are missing from July 11 through August 21 due to equipment malfunction.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.7	11	2.5	e2.5	e4.5	19	30	182	31	5.9	---	8.1
2	1.6	9.6	2.4	e2.5	e4.0	e15	39	210	36	6.4	---	19
3	1.6	7.9	2.4	e2.4	e4.5	e14	45	165	27	5.8	---	17
4	2.9	7.1	2.4	e2.4	e4.0	e14	57	106	19	4.9	---	13
5	8.2	7.3	2.4	e2.3	e3.3	23	51	87	13	4.2	---	13
6	2.1	6.0	2.4	e2.0	e3.7	24	50	74	8.2	4.5	---	13
7	2.3	5.3	2.3	e2.0	e4.5	31	43	61	6.4	4.0	---	10
8	2.4	4.9	2.2	e2.0	e15	45	36	63	5.1	4.6	---	8.5
9	2.3	4.6	2.6	e2.0	e14	48	27	84	6.6	5.4	---	7.6
10	2.2	5.7	2.7	e2.4	e10	43	29	100	12	5.0	---	14
11	2.8	7.3	2.9	e2.4	e9.0	33	29	110	10	---	---	9.6
12	3.0	7.2	2.6	e2.5	e8.0	31	31	129	5.1	---	---	9.4
13	2.8	6.0	2.7	e2.6	e7.0	27	24	145	3.7	---	---	15
14	2.4	6.6	2.9	e2.0	e10	28	27	182	4.1	---	---	12
15	1.9	7.9	2.6	e2.0	e8.0	e12	26	125	5.1	---	---	8.5
16	2.7	7.9	e2.5	e2.0	e7.0	e20	34	180	4.7	---	---	8.5
17	2.7	6.5	e2.4	e1.9	e6.0	24	57	152	5.0	---	---	11
18	2.7	5.6	e2.3	e1.8	e8.0	22	74	133	4.6	---	---	5.3
19	2.9	8.6	e2.2	e1.7	e10	22	120	132	3.8	---	---	4.5
20	2.6	6.0	e2.2	e1.7	e12	23	143	123	3.6	---	---	3.2
21	2.2	4.7	e2.2	e1.7	e14	28	153	117	3.7	---	---	2.9
22	4.1	5.2	e2.2	e1.7	e16	39	127	98	5.7	---	29	2.5
23	28	7.5	e2.3	e2.0	e20	42	96	94	5.1	---	19	1.8
24	26	6.0	e2.4	e2.3	e15	45	95	101	4.3	---	14	1.6
25	14	5.1	e2.5	e2.6	e15	44	95	96	4.0	---	10	1.5
26	9.3	4.3	e2.3	e2.6	e14	45	123	119	3.8	---	7.8	1.4
27	8.1	3.9	e2.2	e3.5	e16	45	117	135	14	---	6.7	1.4
28	13	3.7	e2.1	e4.5	23	36	129	123	10	---	7.5	1.4
29	12	3.0	e2.1	e6.3	---	30	150	92	7.9	---	6.0	1.4
30	7.7	2.6	e2.1	e6.0	---	26	156	64	6.7	---	7.9	1.4
31	8.9	---	e2.5	e5.0	---	27	---	34	---	---	9.2	---
TOTAL	187.1	185.0	74.5	81.3	285.5	925	2213	3616	279.2	---	---	227.5
MEAN	6.04	6.17	2.40	2.62	10.2	29.8	73.8	117	9.31	---	---	7.58
MAX	28	11	2.9	6.3	23	48	156	210	36	---	---	19
MIN	1.6	2.6	2.1	1.7	3.3	12	24	34	3.6	---	---	1.4
AC-FT	371	367	148	161	566	1830	4390	7170	554	---	---	451

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2001, BY WATER YEAR (WY)

MEAN	6.04	6.17	2.40	2.62	10.2	29.8	73.8	117	9.31	---	---	7.58
MAX	6.04	6.17	2.40	2.62	10.2	29.8	73.8	117	9.31	---	---	7.58
(WY)	2001	2001	2001	2001	2001	2001	2001	2001	2001	---	---	2001
MIN	6.04	6.17	2.40	2.62	10.2	29.8	73.8	117	9.31	---	---	7.58
(WY)	2001	2001	2001	2001	2001	2001	2001	2001	2001	---	---	2001

e Estimated